

FIG. 1A  
(PRIOR ART)

Level	Description	Example
M3 meta-metamodel	Defines language for specifications of metamodels	MetaClass, MetaAttribute, MetaOperation
M2 metamodel	Instance of meta-metamodel Defines language for describing specifications of models	Class, Attribute, Operation, Component
M1 model	Instance of meta-metamodel Defines language for describing information domains	Point, xCoordinate, yCoordinate, move (int dx, int, dy)
M0 user objects	Instance of model	Point [x=100; y=20]

FIG. 1B  
(PRIOR ART)

2/22

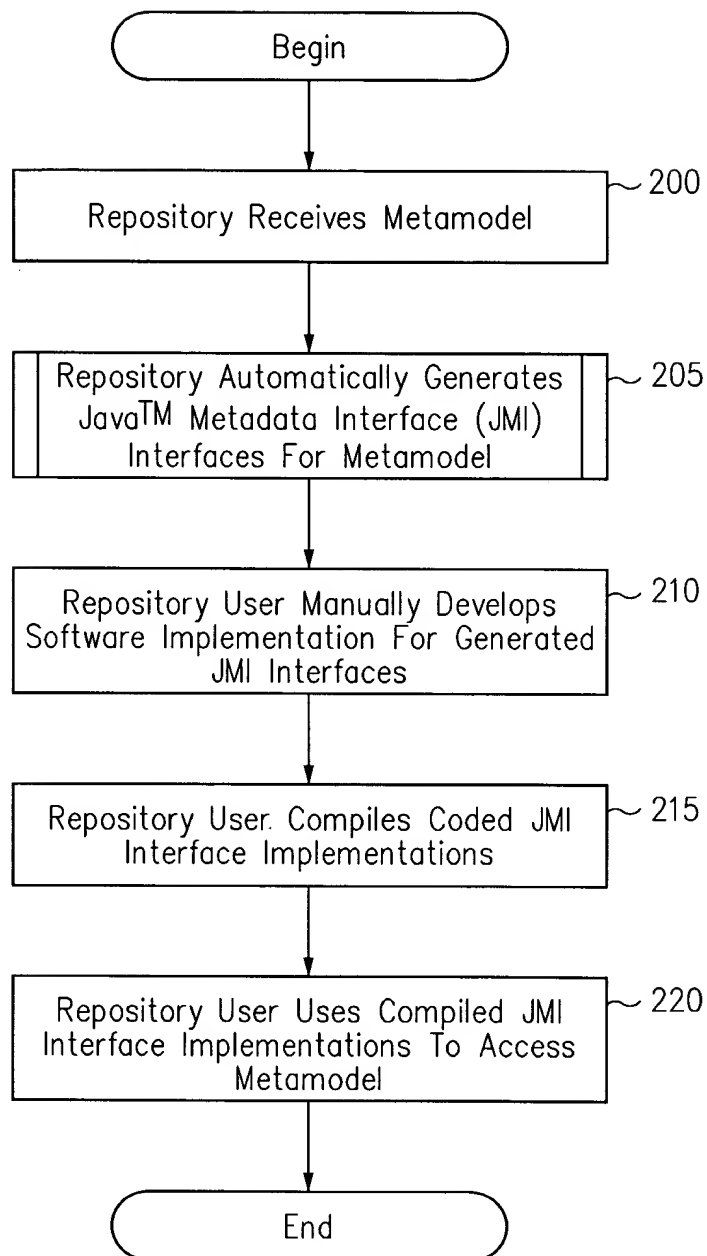


FIG. 2  
(PRIOR ART)

3/22

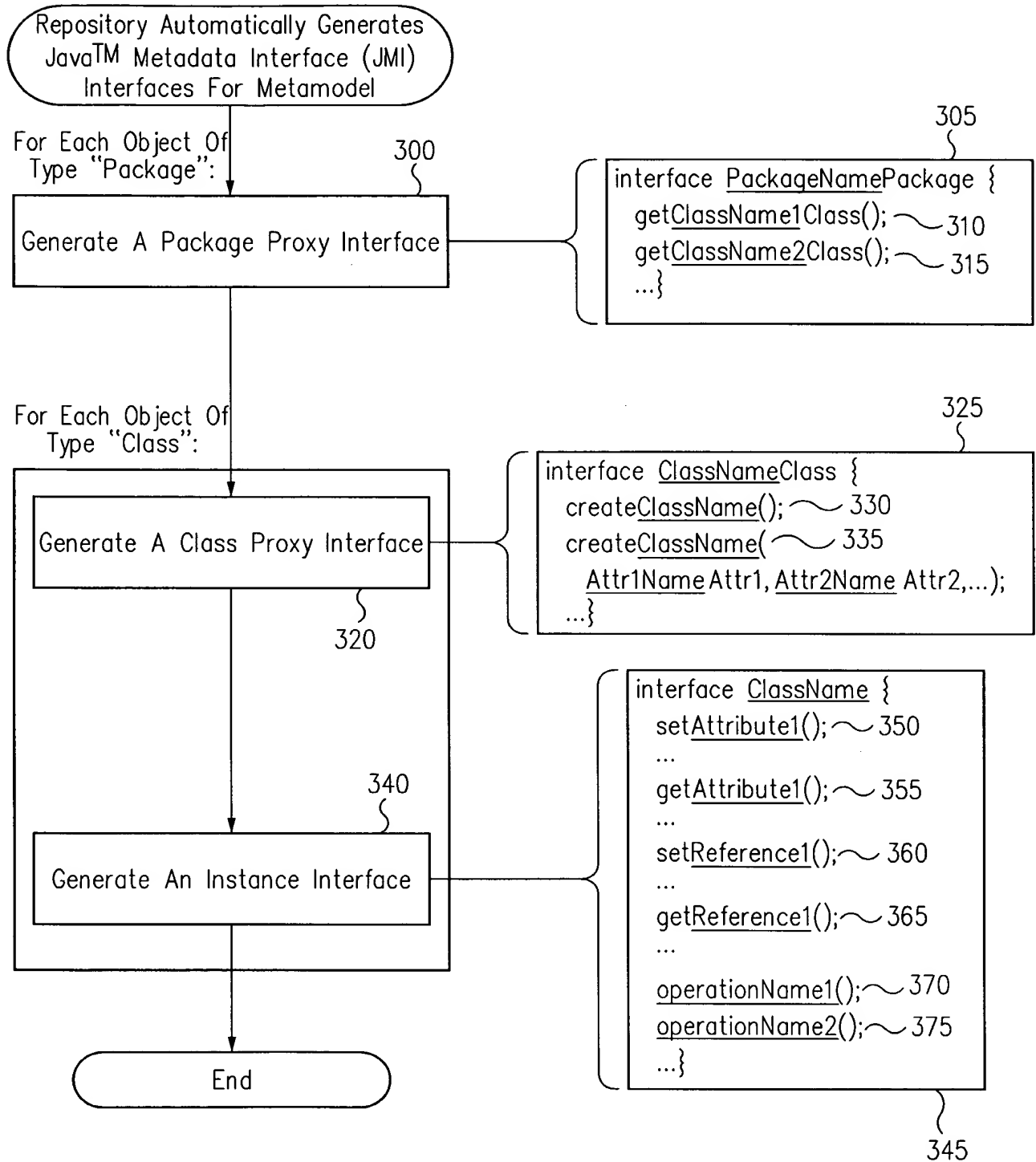


FIG. 3  
(PRIOR ART)

4/22

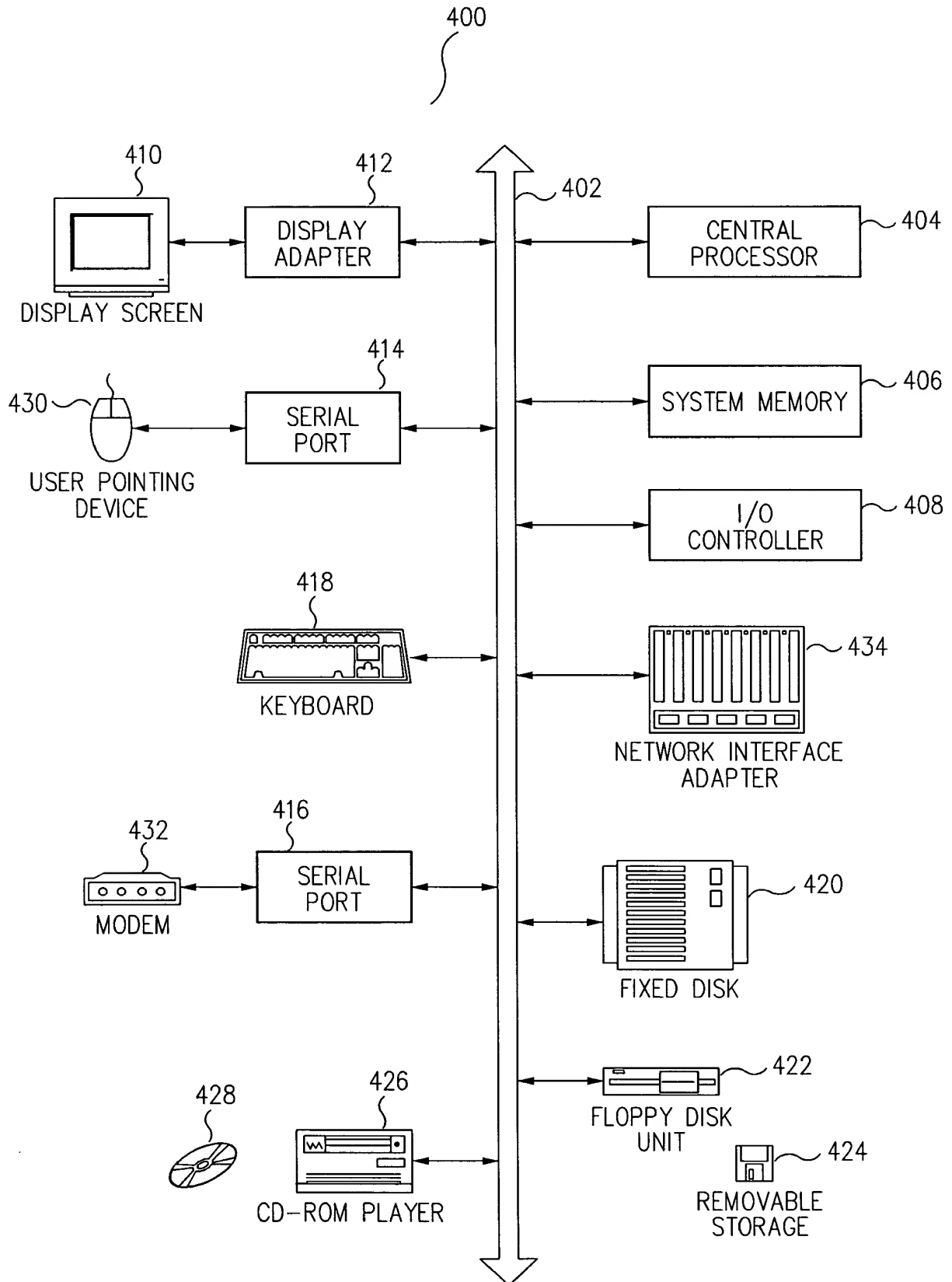


FIG. 4

5/22

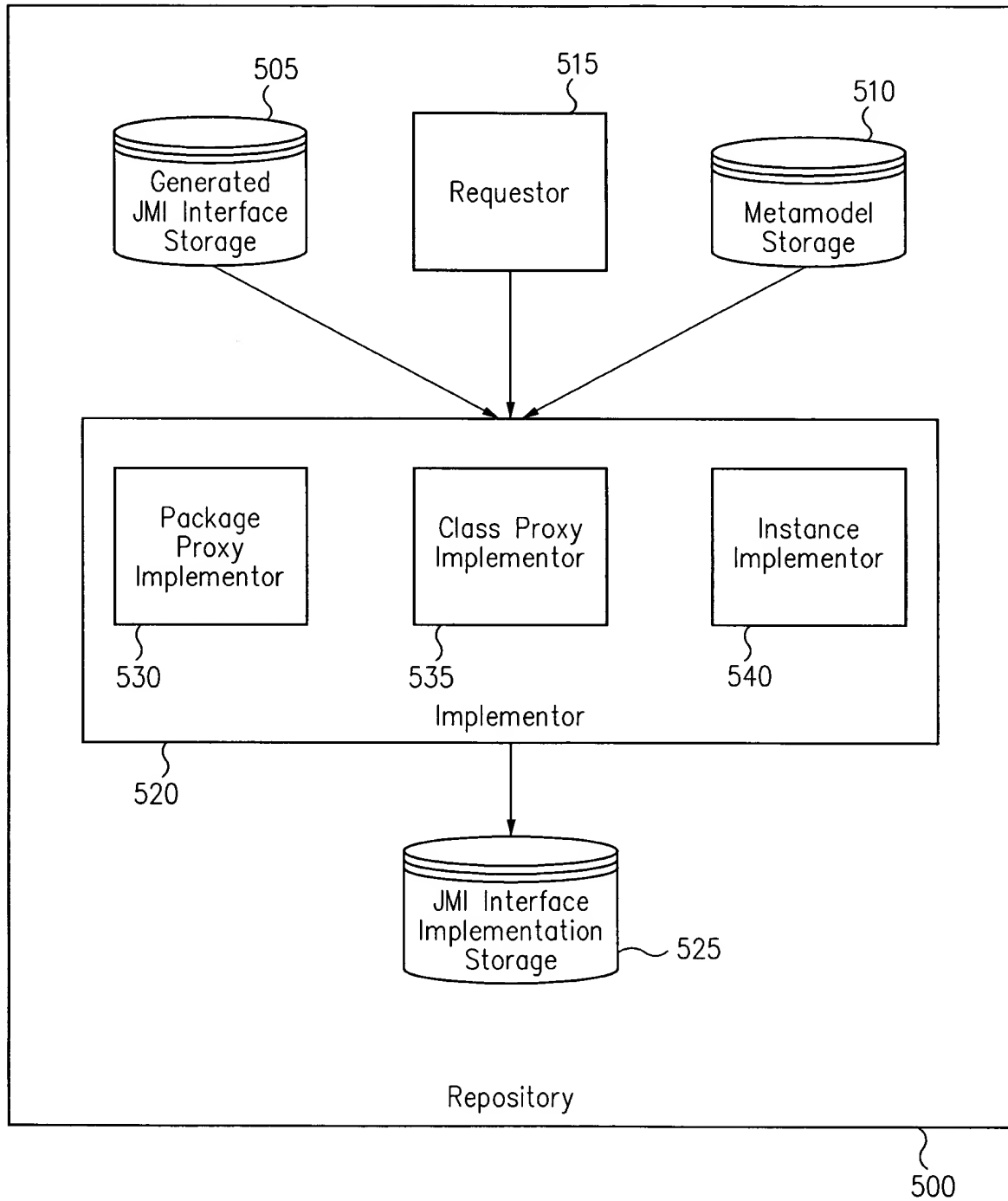


FIG. 5

6/22

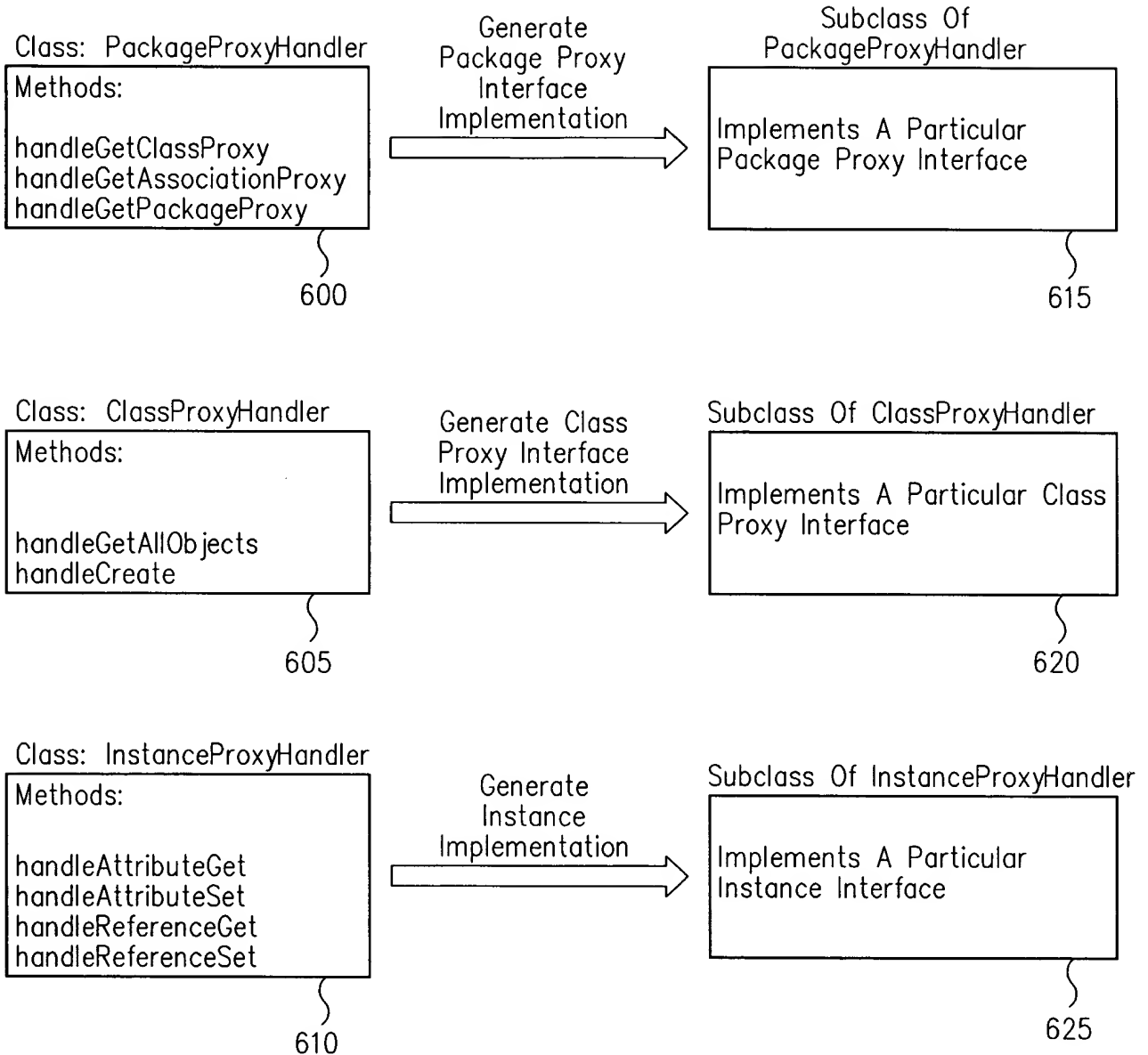


FIG. 6

7/22

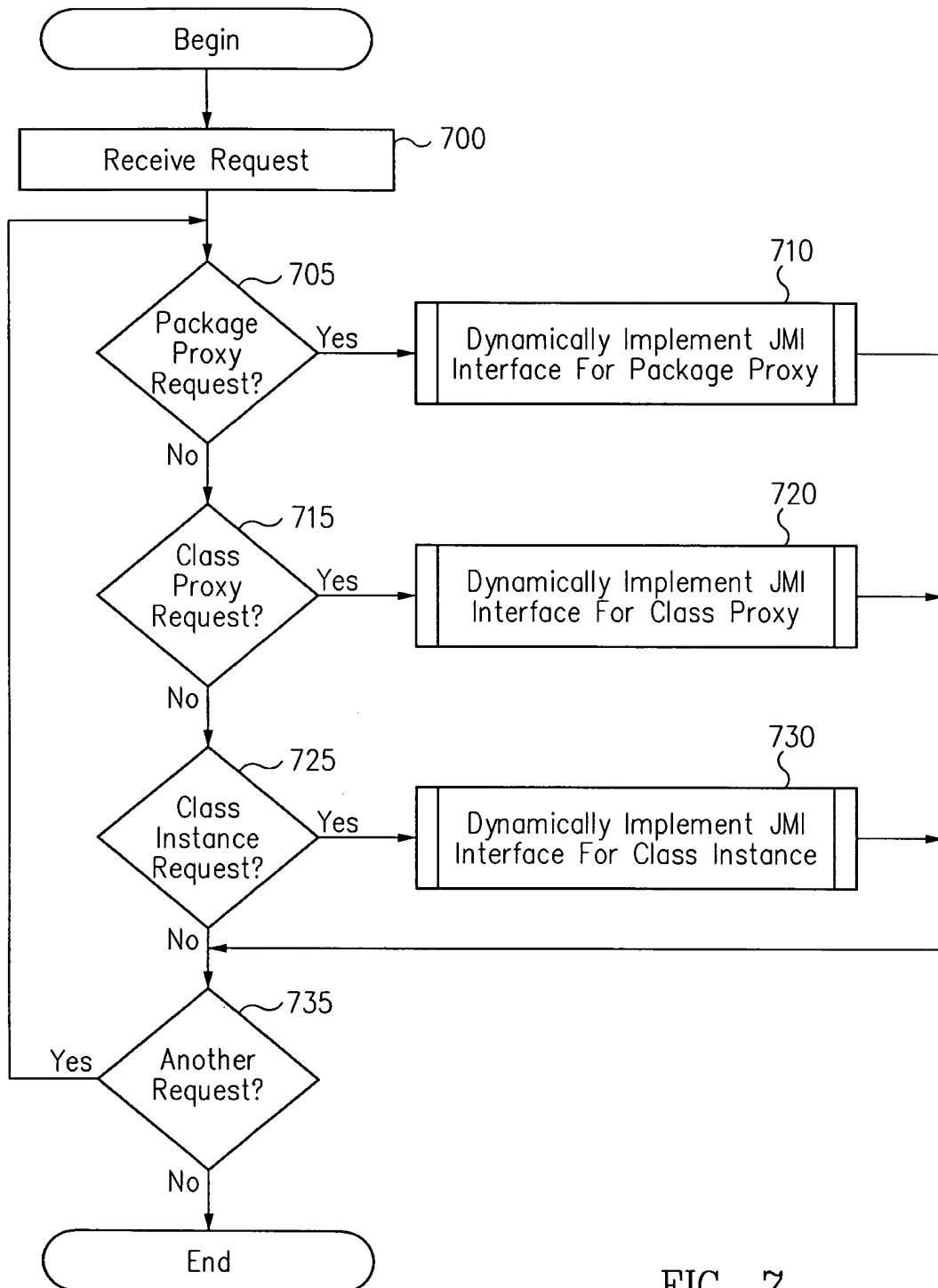


FIG. 7

8/22

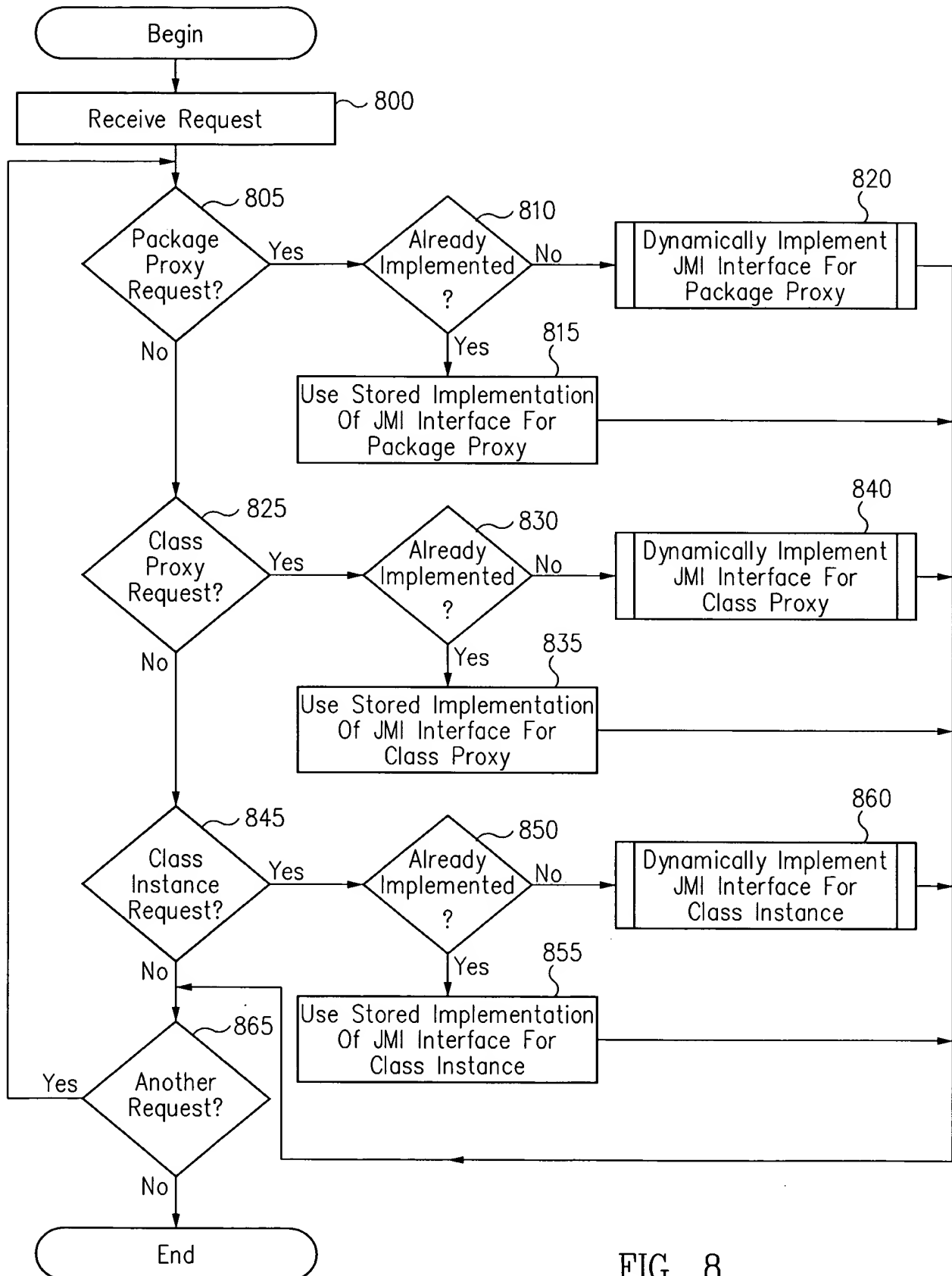


FIG. 8



9/22

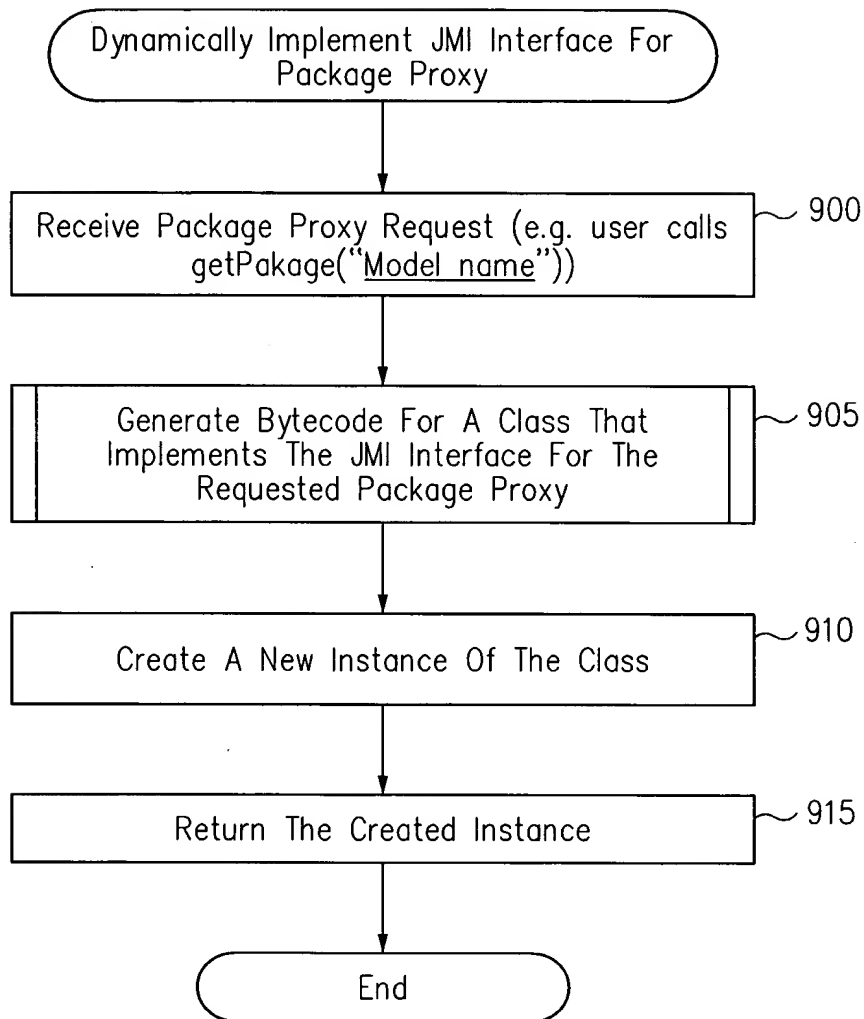


FIG. 9

10/22

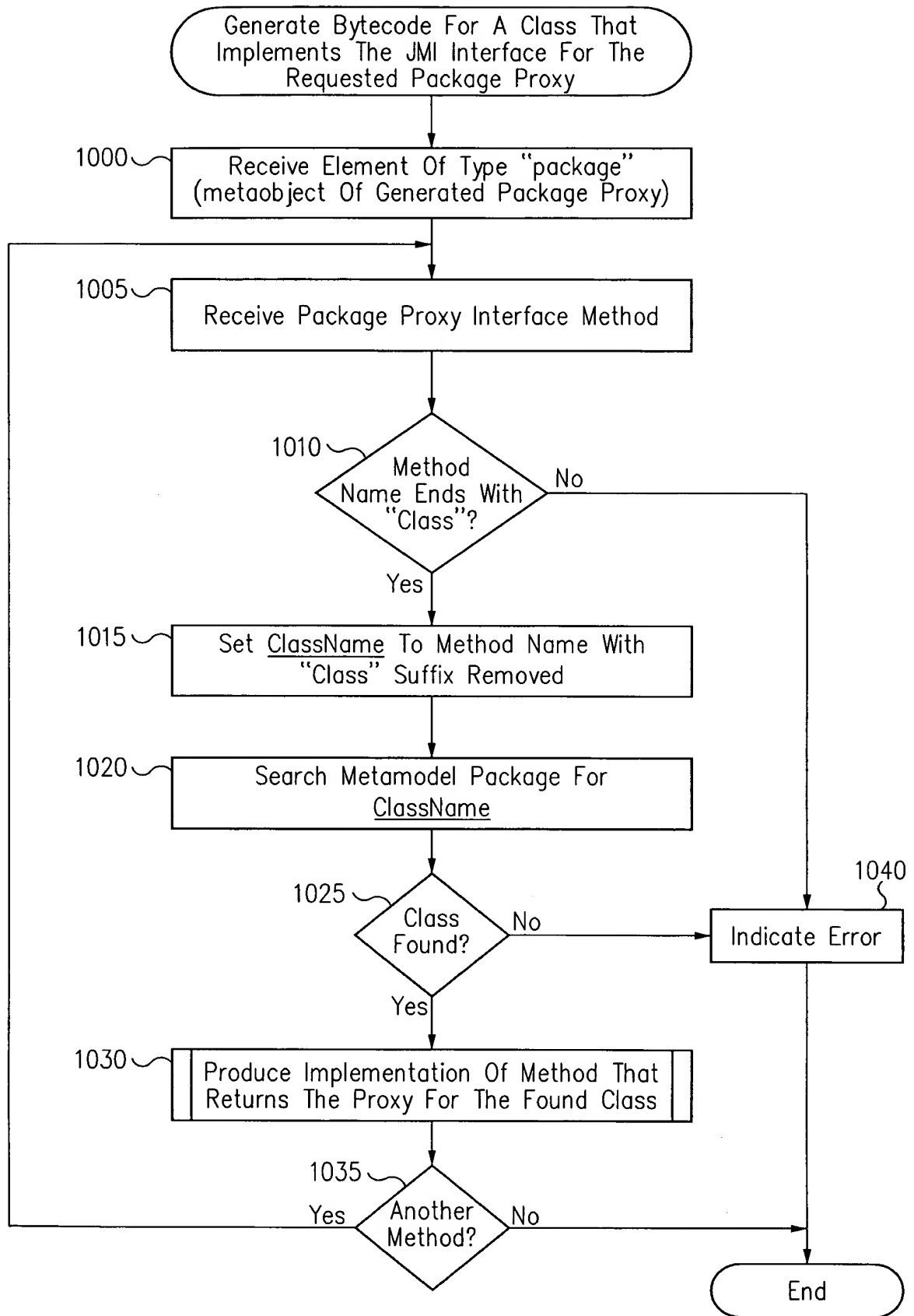


FIG. 10

11/22

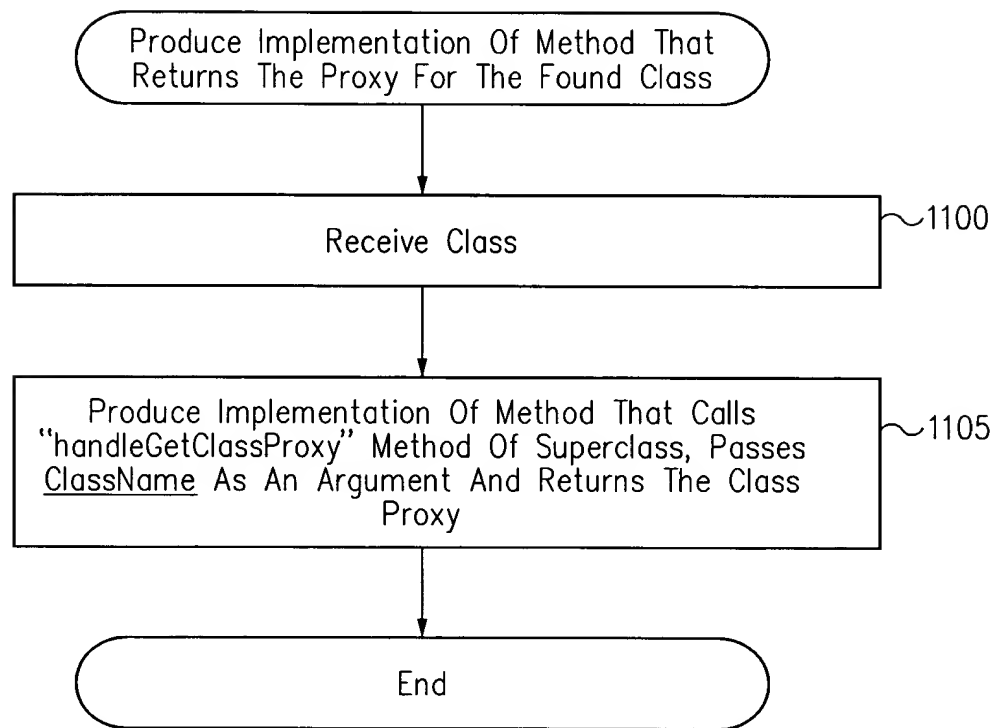


FIG. 11

12/22

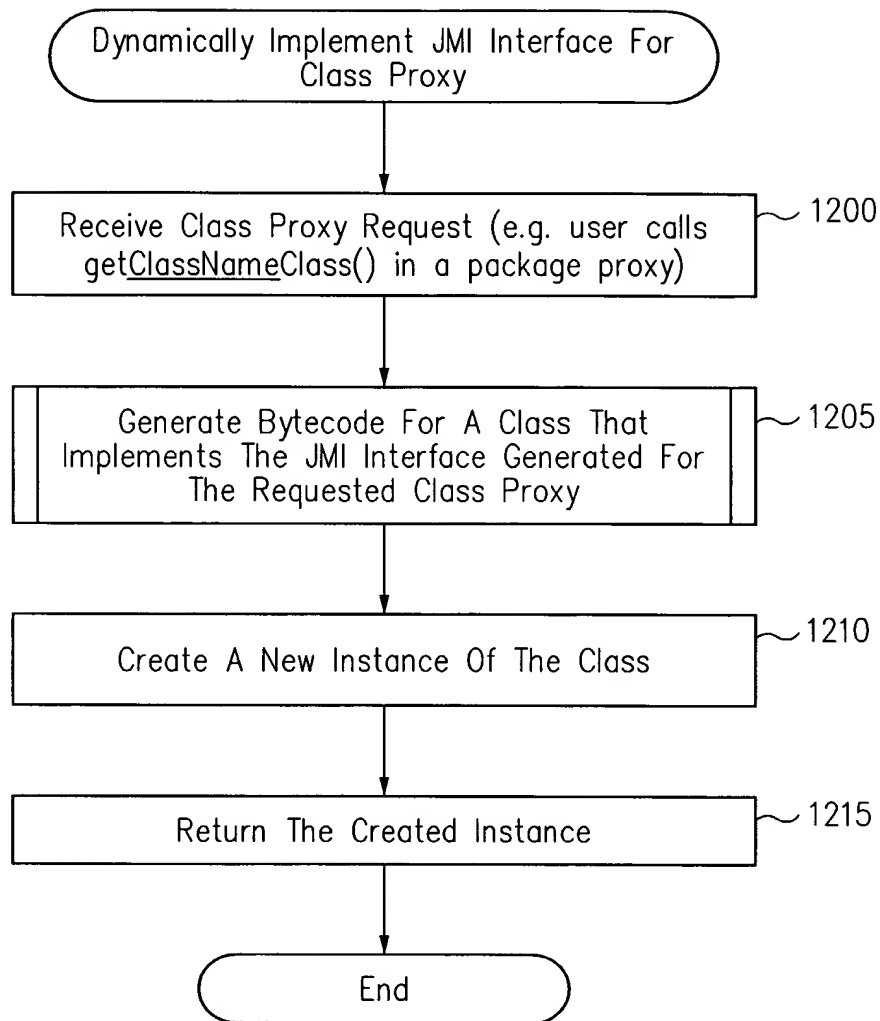


FIG. 12

13/22

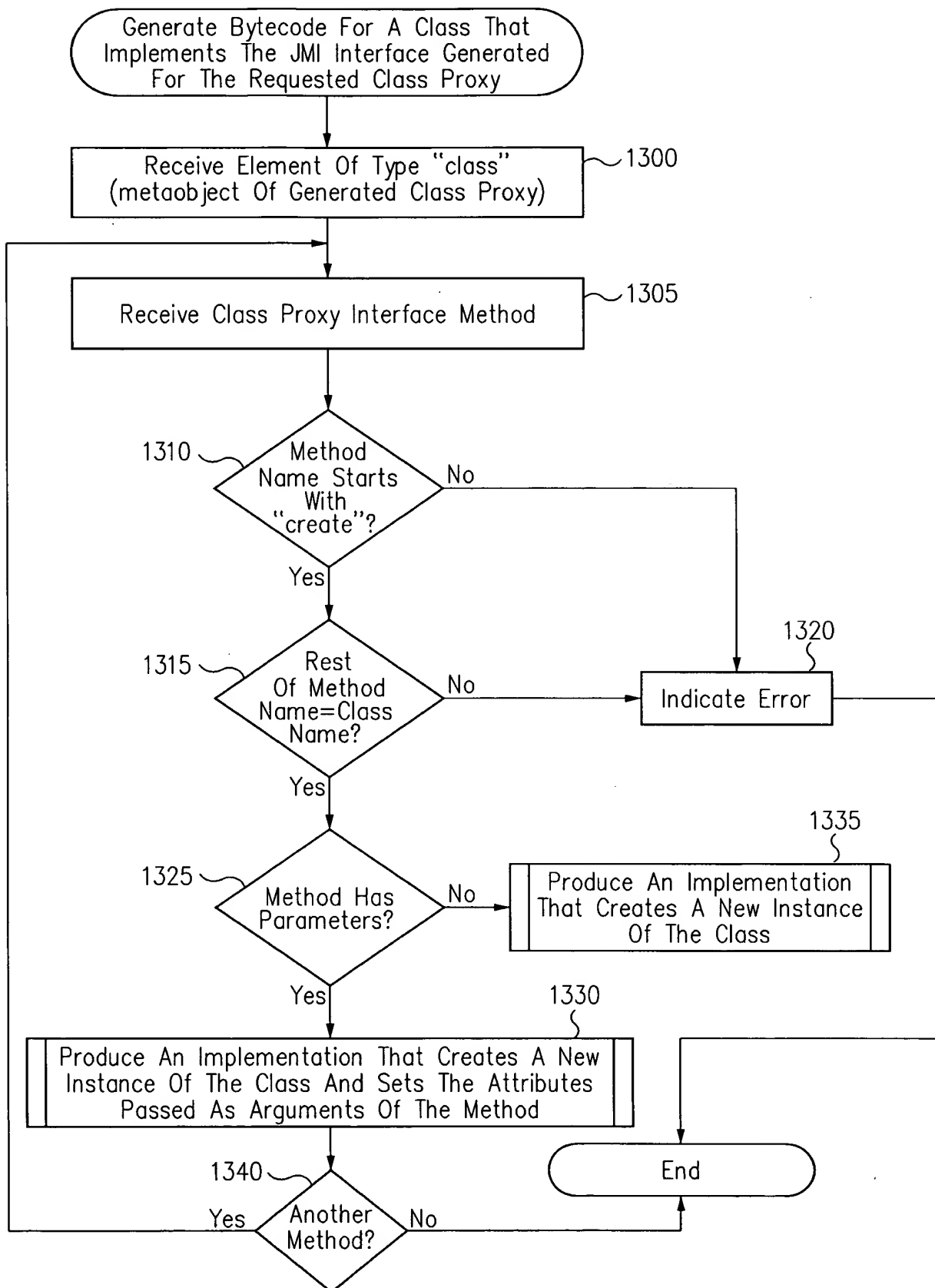


FIG. 13

14/22

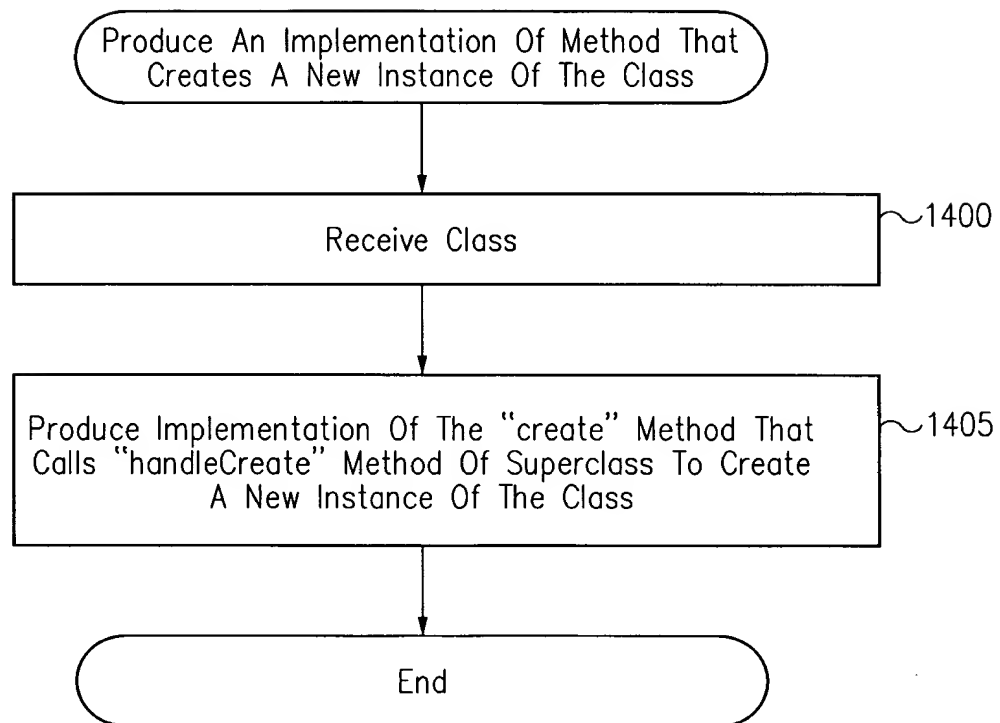


FIG. 14

15/22

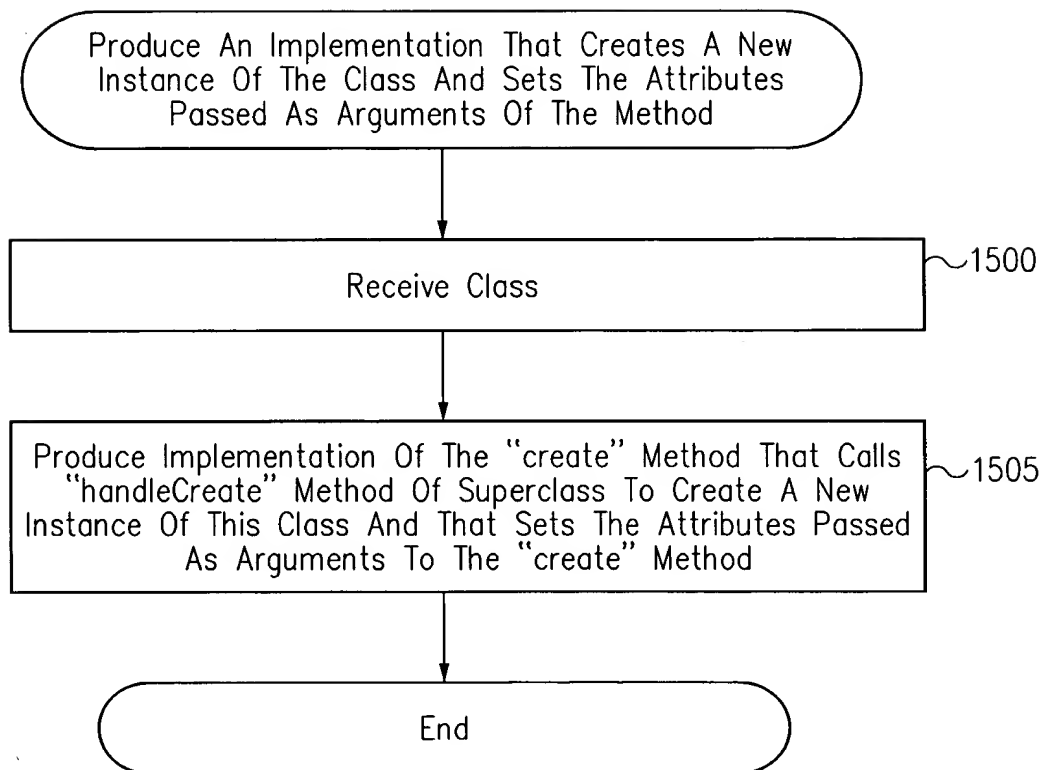


FIG. 15

16/22

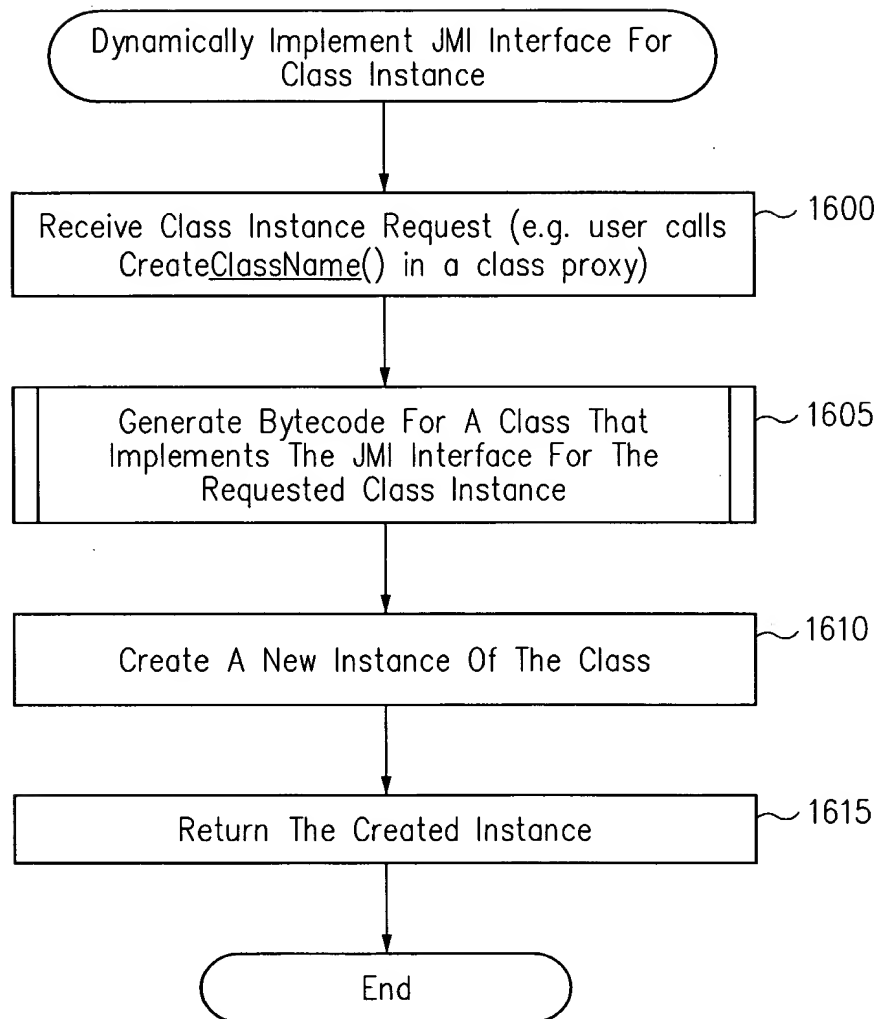


FIG. 16



17/22

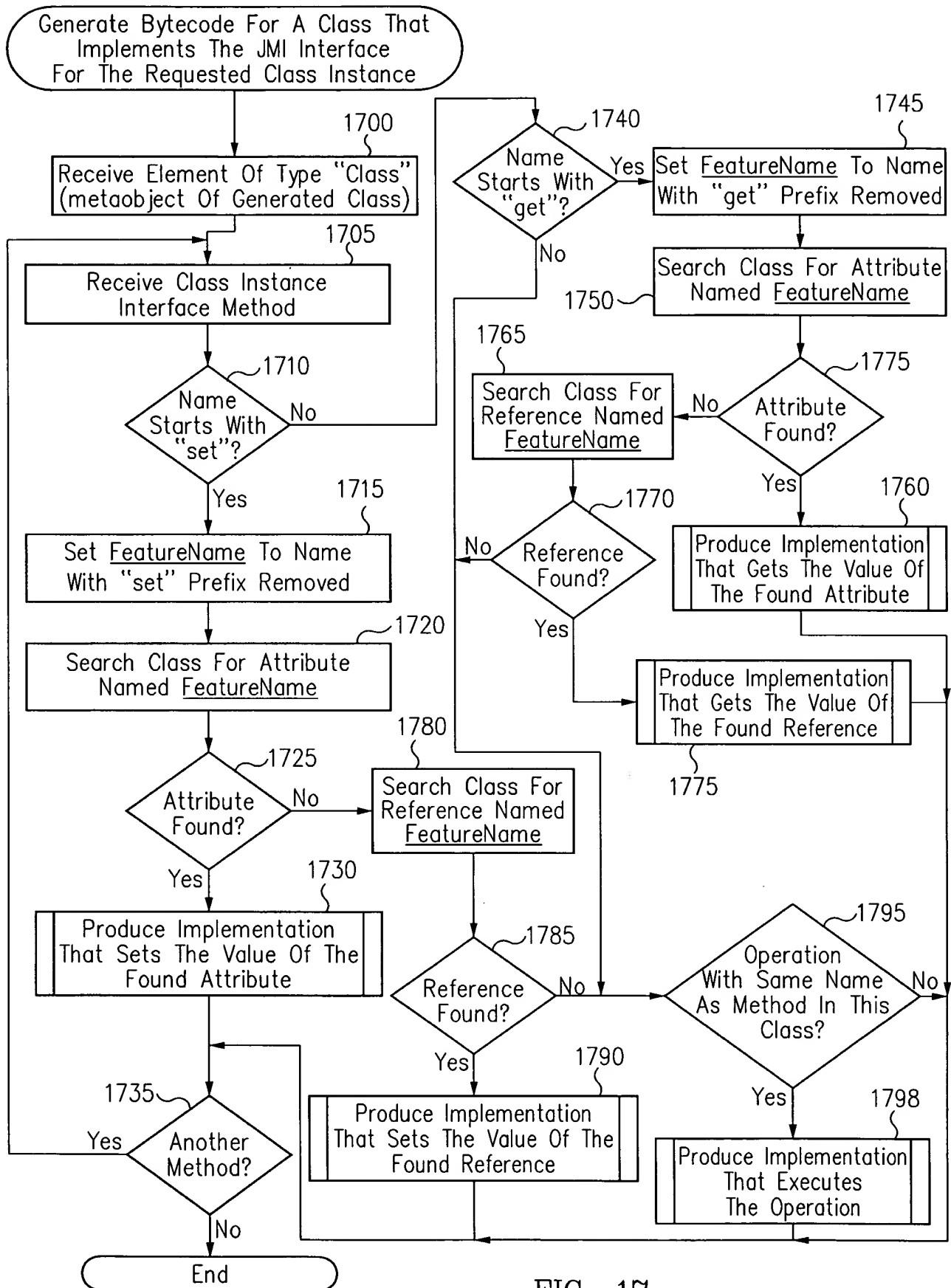


FIG. 17

18/22

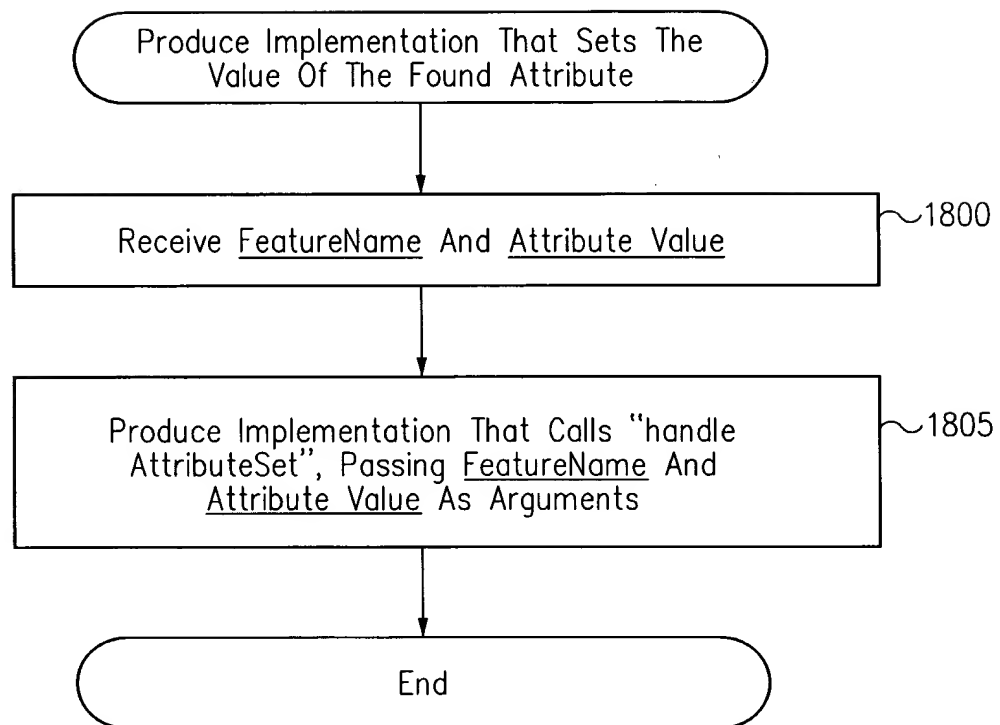


FIG. 18

19/22

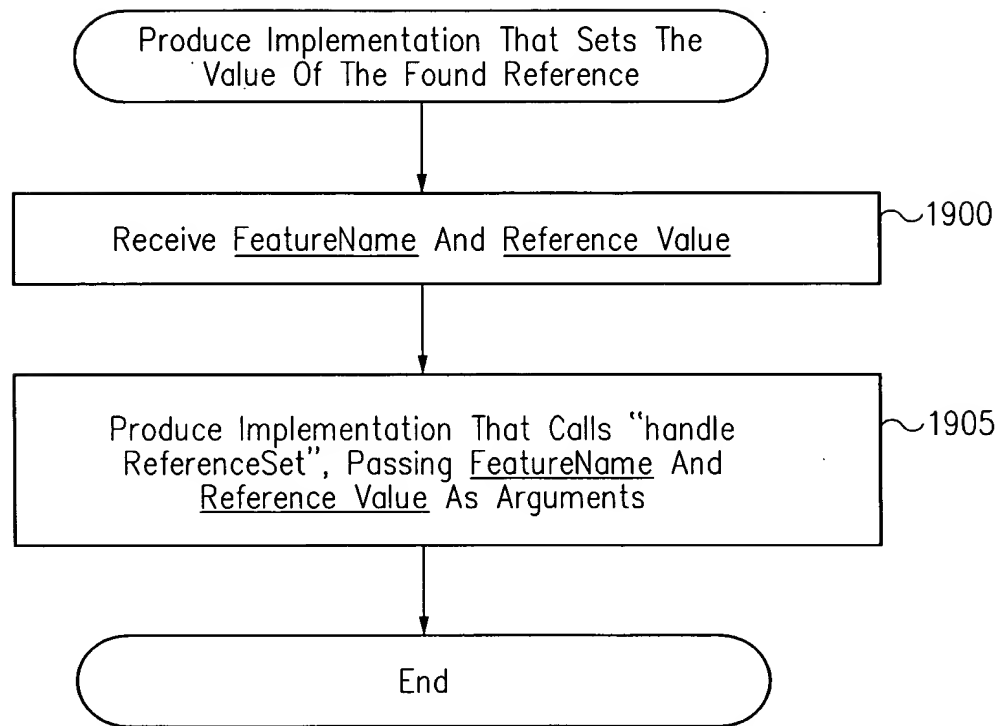


FIG. 19

20/22

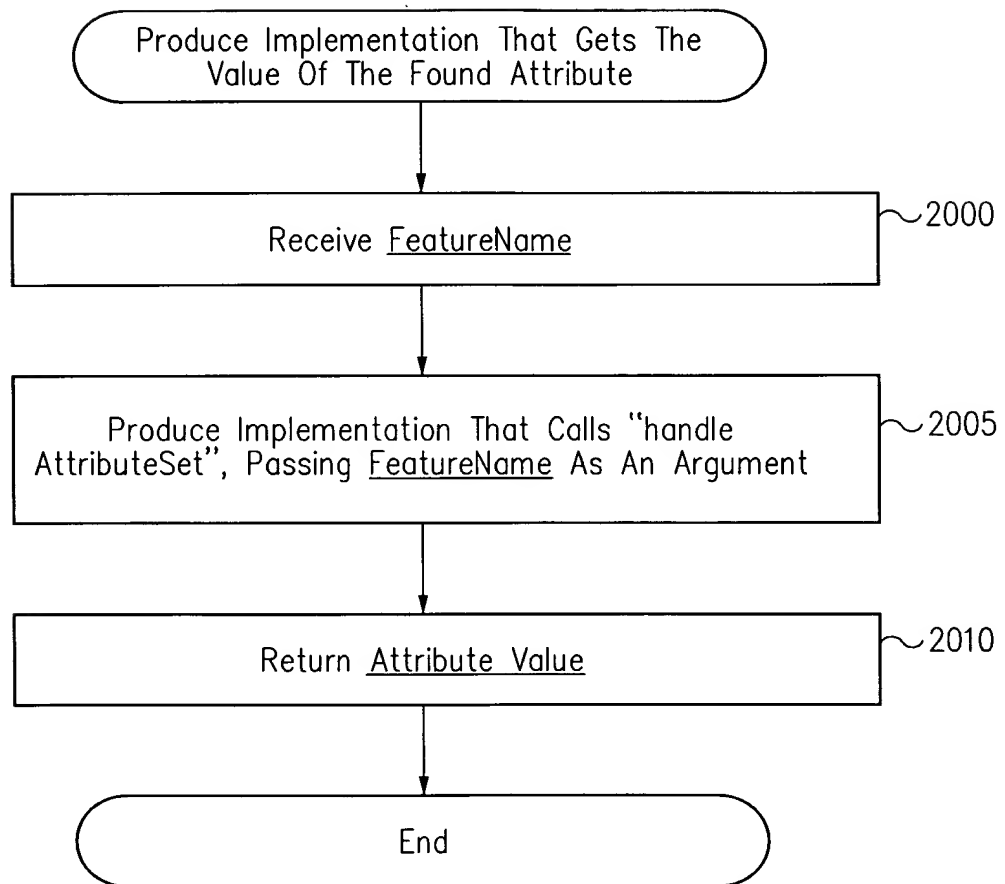


FIG. 20

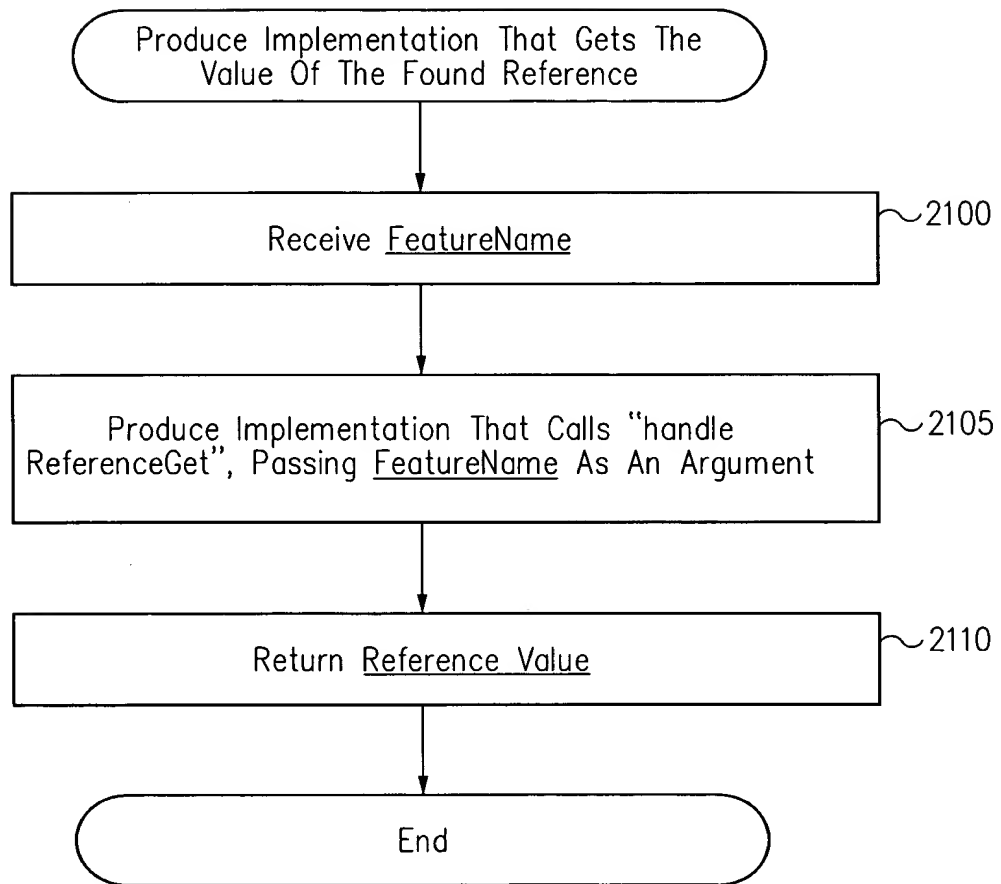


FIG. 21

22/22

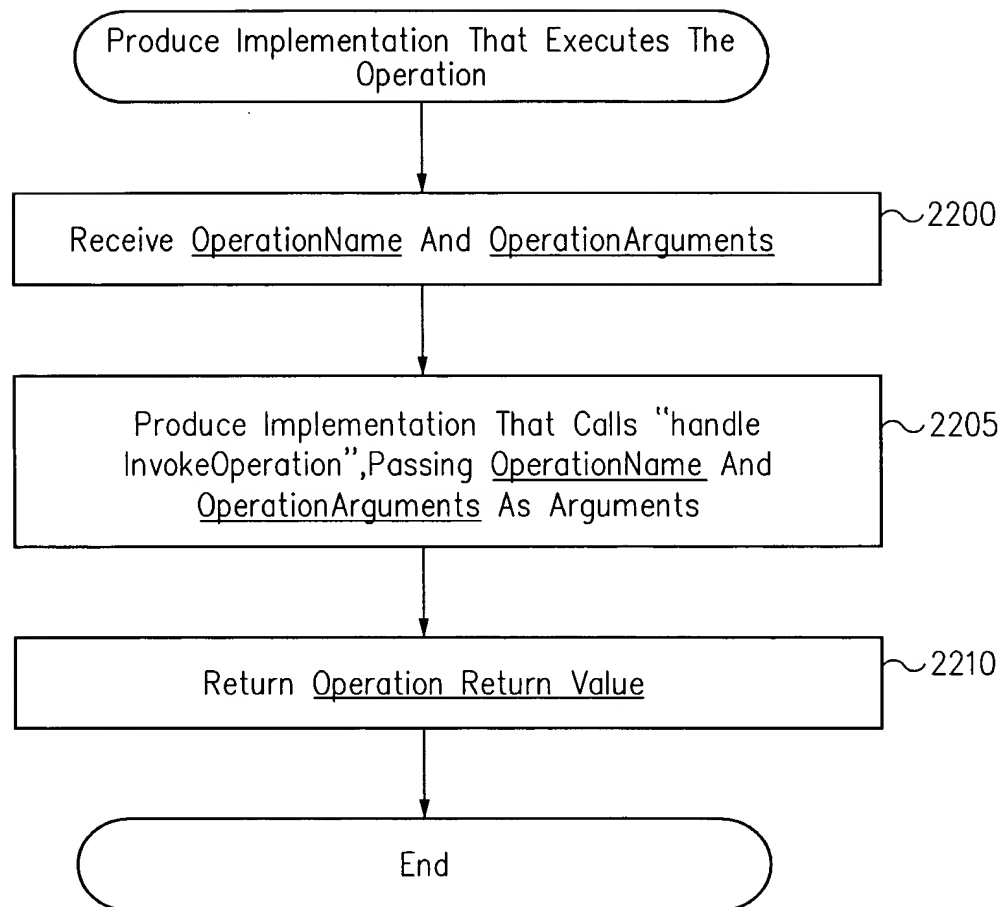


FIG. 22